

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 5    | ("6314518" or "6209092").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 13:59 |
| S2    | 1121 | 380/200-203,239.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/21 08:19 |
| S3    | 1290 | 713/176.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/21 08:19 |
| S4    | 2304 | S2 or S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/21 08:19 |
| S5    | 684  | S4 and @ad<"19980923"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/25 12:18 |
| S6    | 165  | S5 and ((play\$3 or copy\$3) with (protection or prohibition or permission))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 14:00 |
| S7    | 33   | S6 and ((encrypt\$3 or encipher\$3) with (permission or prohibition or protection)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/21 08:22 |
| S8    | 31   | S7 and digital  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/21 08:22 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S9  | 4     | S8 and ("digital to analog" or "d/a" or "d-a" or "d to a" or "d-to-a" or "digital/analog" or "digital-to-analog") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 08:32 |
| S10 | 98271 | ("digital to analog" or "d/a" or "d-a" or "d to a" or "d-to-a" or "digital/analog" or "digital-to-analog")        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 08:32 |
| S11 | 1     | S10 and ((corrupt\$3 or degrad\$3) with (analog) with (protect\$3 or prohibit\$3) with (copy or replicat\$3))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 08:34 |
| S12 | 33237 | ((play\$3 or view\$3 or copy\$3) with (protection or prohibition or permission))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 12:28 |
| S13 | 12135 | S12 and @ad<"19980923"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 13:59 |
| S14 | 489   | S13 and ((encrypt\$3 or encipher\$3) with (data or content))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 12:29 |
| S15 | 220   | S14 and ((encrypt\$3 or encipher\$3) with (protection or prohibition or permission))                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 12:38 |
| S16 | 24    | S15 and (steganograph\$7 or watermark)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 12:30 |

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|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S17 | 33237 | ((play\$3 or view\$3 or copy\$3) with (protection or prohibition or permission)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 13:11 |
| S18 | 1643  | S17 and ((block\$3 or prohibit\$3) with output)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 13:11 |
| S19 | 22    | S18 and ((block\$3 or prohibit\$3) with output with (digital adj data))          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 13:21 |
| S20 | 6     | S19 and @ad<"19980923"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/21 13:22 |
| S21 | 33237 | ((play\$3 or view\$3 or copy\$3) with (protection or prohibition or permission)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/22 10:43 |
| S22 | 12135 | S21 and @ad<"19980923"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/22 10:43 |
| S23 | 125   | S22 and (watermark or steganograph\$7)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/22 10:44 |
| S24 | 19    | S23 and ("no encryption" or "no encyphering" or "unencrypted" or "unenciphered") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/22 10:44 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S25 | 6      | ("6314518" or "5613004" or "6266477").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/25 12:22 |
| S26 | 6625   | (713/189,193,194.ccls. or 380/200-203,210,236-237.ccls. or 726/26-30,32.ccls. or 705/50,57-58.ccls.)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:46 |
| S27 | 1268   | S26 and @ad<"19980923"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:46 |
| S28 | 622322 | (identify\$3 or detect\$3 or determin\$3) with (\$4record\$4 or medi\$2 or storage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:48 |
| S29 | 23684  | S28 and ((identify\$3 or detect\$3 or determin\$3) with (hash\$3 or signature or checksum or encrypt\$3 or encipher\$3 or md\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:48 |
| S30 | 833    | S29 and ((identify\$3 or detect\$3 or determin\$3) with (watermark\$3 or steganograph\$7))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:49 |
| S31 | 439    | S30 and ((allow\$3 or permission or permit\$4 or prohibit\$4) with (copy\$3 or play\$3 or use))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:50 |
| S32 | 188    | S31 and ((conver\$4 or transform\$5) with (data or output or signal) with (analog))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:52 |

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|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S33 | 325  | S31 and ((block\$3 or prohibit\$3) with (data or output or signal))         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:52 |
| S34 | 224  | S33 and ((decrypt\$3 or decipher\$3 or descrambl\$3) with (data or signal)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:54 |
| S35 | 3    | S34 and S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:53 |
| S36 | 9    | S34 and @ad<"19980923"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/24 10:54 |
| S37 | 1761 | (digital adj data) with (encrypt\$3 or encipher\$3)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 12:17 |
| S38 | 200  | S37 and (identify\$3 with (encrypt\$3 or encipher\$3))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 12:18 |
| S39 | 73   | S38 and @ad<"19980923"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 12:22 |
| S40 | 22   | S39 and ((copy\$3 or play\$3) with (control or protect\$3))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 12:18 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S41 | 1949 | detect\$3 with (encrypt\$3 or encipher\$3) with data                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 17:23 |
| S42 | 158  | S41 and ((encrypt\$3 or encipher\$3) with flag)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 17:23 |
| S43 | 44   | S42 and @ad<"19980923"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 17:24 |
| S44 | 5    | S43 and ((play\$3 or copy\$3) with (protection or prohibition or permission)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/25 17:24 |
| S45 | 1957 | detect\$3 with (encrypt\$3 or encipher\$3) with data                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 13:59 |
| S46 | 482  | S45 and @ad<"19980923"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 14:18 |
| S47 | 25   | S46 and ((play\$3 or copy\$3) with (protection or prohibition or permission)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 14:00 |
| S48 | 44   | S46 and ((encrypt\$3 or encipher\$3) with flag)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 14:18 |